

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A projector, comprising:  
a lamp;  
an optical modulator that modulates light from the lamp;  
a projection lens that projects the modulated light;  
a lens cap that protects the projection lens;  
a detector that detects the lens cap on the projection lens; and  
a projected display controller that controls the optical modulator so as to block or reduce the light from the lamp if the lens cap is found to be detected based on a signal from the detector.
2. (Currently Amended) The projector according to Claim 1,  
~~wherein the projected display controller controls~~controlling the optical modulator so as to ~~go back~~return to an original display that is projected before the light from the lamp is blocked or reduced if the lens cap is found to be ~~taken off~~removed based on a signal from the detector.
3. (Currently Amended) The projector according to Claim 1,  
~~wherein the projected display controller controls~~controlling the optical modulator so as to block or reduce the light from the lamp to turn a projected display into black, gray, or blue.
4. (Currently Amended) The projector according to Claim 1,  
~~wherein the detector is~~being a microswitch.

5. (Currently Amended) The projector according to Claim 1,  
~~wherein~~ the optical modulator ~~includes~~ including a liquid crystal panel, and a polarizing plate on both input and output sides of the liquid crystal panel.